

Title (en)
TORQUE MOTOR HOUSING

Title (de)
DREHMOMENTMOTORGEHÄUSE

Title (fr)
BOÎTIER DE MOTEUR À COUPLE

Publication
EP 3806291 A1 20210414 (EN)

Application
EP 19216003 A 20191213

Priority
US 201916598535 A 20191010

Abstract (en)
A torque motor assembly includes a shell (22) which has a first wall and a second wall which defines a cavity (23). A torque motor (10/100) is positioned at least partially within the cavity. At least one compliant pad (28) is positioned between the first wall and the torque motor and is configured to trap at least one wire (14/114) within the shell. A housing (20) for a torque motor and a method of assembling a torque motor assembly are also disclosed.

IPC 8 full level
H02K 5/24 (2006.01); **H02K 26/00** (2006.01)

CPC (source: EP US)
F16F 1/3732 (2013.01 - US); **H01F 7/145** (2013.01 - US); **H02K 5/24** (2013.01 - EP US); **H02K 26/00** (2013.01 - EP); **H02K 33/02** (2013.01 - US); **F16F 15/08** (2013.01 - US); **F16F 2224/025** (2013.01 - US); **F16F 2226/04** (2013.01 - US); **H02K 26/00** (2013.01 - US)

Citation (search report)
• [Y] US 8907753 B2 20141209 - WILLBURGER WINFRIED [DE], et al
• [Y] US 4458228 A 19840703 - BAUMGARTNER HANS [DE]
• [A] US 4742322 A 19880503 - JOHNSON D DALE [US], et al

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3806291 A1 20210414; US 11557952 B2 20230117; US 2021111616 A1 20210415

DOCDB simple family (application)
EP 19216003 A 20191213; US 201916598535 A 20191010